

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6323736".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:05
L2	2	"6549764".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:05
L3	2	"20030025563"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:06
L4	3	"20030054783"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 16:06
L16	8	("3891926"   "5739731"   "6246727"   "6347222"   "6545559"   "6580900").PN. OR ("6766150").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/05 16:10
S1	1212	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and 455/501,62,63.1,67.13,114.1-115. 3,119-127.3,266,296,302,339, 340.ccls. and filter.ti,ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 11:26
S2	83	S1 and lc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 18:07
S3	2	"6323736".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 18:21

## EAST Search History

S4	2	"6549764".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 18:26
S5	2	"20030025563".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 18:29
S6	2	"20030054783".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 19:06
S7	1221	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and 455/501,62,63.1,67.13,114.1-115. 3,119-127.4,266,296,302,307, 308,339,340,334.ccls. and filter\$3 with (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:37
S8	593	S7 and (lc or (tun\$5 or vari\$6 or adjust\$6) near4 filter\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:05
S9	154	S7 and (lc or (tun\$5 or vari\$6 or adjust\$6) near4 filter\$4) and compar\$5 near9 (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:06
S12	712	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and 455/501,62,63.1,67.13,114.1-115. 3,119-127.4,266,296,302,307, 308,339,340,334.ccls. and filter\$3 near9 compar\$4 not S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:37
S13	115	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and 455/501,62,63.1,67.13,114.1-115. 3,119-127.4,266,296,302,307, 308,339,340,334.ccls. and filter\$3 near9 compar\$4 and compar\$4 near9 (amplitude or magnitude or envelope) not S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:38

## EAST Search History

S14	245	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and 455/501,62,63.1,67.13,114.1-115.3,119-127.4,266,296,302,307,308,339,340,334.ccls. and filter\$3 and lc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 16:10
S15	166	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and "455".clas. and filter\$3 and lc and (summ\$4 or difference or subtract\$4 or compar\$4) near6 (amplitude or magnitude or envelope)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 16:46
S16	118	S15 not S14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 18:17
S17	1366	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and "455".clas. and filter\$3 near6 (tun\$6 or adjust\$6 or vari\$7 or lc) and (summ\$4 or difference or subtract\$4 or compar\$4) near9 (amplitude or magnitude or envelope)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 16:47
S18	185	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and "455".clas. and filter\$3 near6 (tun\$6 or adjust\$6 or vari\$7 or lc) same (summ\$4 or difference or subtract\$4 or compar\$4) near9 (amplitude or magnitude or envelope)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 18:14
S19	1919	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and "455".clas. and filter\$3 near6 (tun\$6 or adjust\$6 or vari\$7 or lc) and filter\$4 with (summ\$4 or differential adj amplifier or subtract\$4 or compar\$4) and (amplitude or magnitude or envelope)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 18:16

## EAST Search History

S20	321	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and "455".clas. and filter\$3 near6 (tun\$6 or adjust\$6 or vari\$7 or lc) and filter\$4 with (summ\$4 or differential adj amplifier or subtract\$4 or compar\$4) with (amplitude or magnitude or envelope)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 16:26
S21	232	S20 not S18	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 18:18
S22	218	S20 not S18 not S15	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 18:18
S23	1141	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and filter\$4 near2 calibrat\$4 and (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 16:26
S24	589	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and filter\$4 near1 calibrat\$4 and (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 16:39
S25	135	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and filter\$4 near1 calibrat\$4 and (compar\$4 or differential adj amplifier or subtract\$4 or sum\$6) near9 (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 17:24
S26	13	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and (filter\$4 near1 calibrat\$4).ti,ab. and (compar\$4 or differential adj amplifier or subtract\$4 or sum\$6) near9 (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 17:27

## EAST Search History

S27	52	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and (filter\$4 near1 calibrat\$4).ti,ab. and (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 17:38
S28	421	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and 455/213,306,307.ccls. and filter\$4 and (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 17:41
S29	349	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and 455/213,306,307.ccls. and filter\$4 same(amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/02 12:52
S30	4	"6122496"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 19:01
S31	15	("4843343"   "5220686"   "5465410"   "5475871"   "5499396"   "5507025"   "5555453"   "5566365"   "5572552"   "5584063"   "5604927"   "5678214"   "5691666"   "5715529"   "5758296").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/01 19:02
S32	2	("6122496").URPN.	USPAT	OR	ON	2007/06/02 12:26
S37	346	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and ("375".clas. or "333".clas. or "455".clas.) and (filter\$4 with (amplitude or envelope or magnitude) or filter\$4 near2 calibrat\$4).ti,ab. and (compar\$5 or differential adj amplifier or summer or subtractor) near9 (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/02 15:19

## EAST Search History

S38	211	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and ("375".clas. or "333".clas. or "455".clas.) and filter.ti. and filter\$4 with (amplitude or envelope or magnitude) and (compar\$5 or differential adj amplifier or summer or subtractor) near9 (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/02 15:35
S39	31	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and ("375".clas. or "333".clas. or "455".clas.) and filter.ti. and filter\$4 with (amplitude or envelope or magnitude) near2 detector and (compar\$5 or differential adj amplifier or summer or subtractor)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/02 15:47
S40	2	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and ("375".clas. or "333".clas. or "455".clas.) and filter adj calibration adj circuit	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/02 15:43
S41	38	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and ("375".clas. or "333".clas. or "455".clas.) and filter.ti. and filter\$4 with (amplitude or envelope or magnitude) near2 detector	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 10:28
S42	1517	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and ("375".clas. or "333".clas. or "455".clas.) and filter.ti. and filter\$4 with (amplitude or envelope or magnitude)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 10:29
S43	369	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20040421" and ("375".clas. or "333".clas. or "455".clas.) and filter.ti. and filter\$4 with (amplitude or envelope or magnitude) and (amplitude or envelope or magnitude) near9 (detect\$4 or compar\$5 or subtract\$4 or summer or differential adj amplifier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:45

## EAST Search History

S44	8	("4328585"   "4377793"   "5245561"   "5381354"   "5402520"   "5426704"   "5517435"   "5615233").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 12:31
S45	4	("6633894").URPN.	USPAT	OR	ON	2007/06/04 12:40
S46	7	("3715690"   "4257018"   "4726071"   "5227743"   "5396195"   "5808527"   "6150901").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 12:52
S47	10	("6307443").URPN.	USPAT	OR	ON	2007/06/04 12:52
S48	14	(king near chun near tsai).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:40
S49	0	"10830117"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 13:45
S50	17	("3715690"   "4257018"   "4726071"   "5227743"   "5396195"   "5808527"   "6150901").PN. OR ("6307443"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 14:21
S51	31	("3978420"   "4451792"   "4726071"   "4733205"   "4801888"   "5063309"   "5072298").PN. OR ("5281931"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 15:16